

WORKMAN NYDEGER

ATTORNEYS AT LAW

A PROFESSIONAL CORPORATION

1000 EAGLE GATE TOWER

60 EAST SOUTH TEMPLE

SALT LAKE CITY, UTAH 84111

TELEPHONE (801) 533-9800

FACSIMILE (801) 328-1707



15866
U.S. PTO

RICK D. NYDEGGER
 BRENT P. LORIMER
 THOMAS R. VUKSINICK
 LARRY R. LAYCOCK
 JONATHAN W. RICHARDS
 DAVID R. WRIGHT
 JOHN C. STRINGHAM
 JOHN M. GUYN
 CHARLES L. ROBERTS
 DANA L. TANGREN
 ERIC L. MASCHOFF
 CHARLES J. VEVERKA
 ROBYN L. PHILLIPS
 RICHARD C. GILMORE†
 STERLING A. BRENNAN†
 GREGORY M. TAYLOR
 DAVID B. DELLENBACH
 R. BURNS ISRAELSEN
 DAVID R. TODD
 L. DAVID GRIFFIN
 ADRIAN J. LEE
 FRASER D. ROY
 CARL T. REED

R. PARRISH FREEMAN, JR.
 PETER F. MALEN, JR.
 L. REX SEARS, PH.D.
 ERIC M. KAMERATH
 ROBERT E. AYCOCK
 JENS C. JENKINS
 KEVIN W. STINGER
 WILLIAM J. ATHAY
 MICHAEL B. DODD
 WILLIAM R. RICHTER
 RYAN D. BENSON
 SARA D. JONES
 TIGE KELLER
 JANNA L. JENSEN
 MATTHEW D. TODD
 J. LAVAR OLDHAM
 MICHAEL J. FRODSHAM
 JOSEPH L. KRUPA
 BRETT A. HANSEN
 BRETT I. JOHNSON
 MATTHEW A. BARLOW

† ADMITTED ONLY IN CALIFORNIA

PATENTS
 TRADEMARKS
 COPYRIGHTS
 TRADE SECRETS
 UNFAIR COMPETITION
 LICENSING
 COMPLEX LITIGATION

MAILING ADDRESS:
 P.O. BOX 45862
 SALT LAKE CITY, UT 84145

INTERNET
 HOME PAGE: <http://www.wnpatent.com>
 GENERAL E-MAIL: info@wnpatent.com

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop PATENT APPLICATION
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

22154 U.S.PTO
 10/715146

 111703

TRANSMITTAL FOR PATENT APPLICATION

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a United States patent application entitled OPTICAL WAVEGUIDE CIRCUIT in the name of the following inventor(s):

Inventor: Shin Kamei
 Address: 2-3-1, Otemachi
 Chiyoda-Ku, Tokyo, Japan 100-0004
 Citizenship: Japan

Inventor: Yasuyuki Inoue
 Address: 5-303, NTT Domitory, 861-1
 Ishida, Isehara-shi, Kanagawa, Japan 259-1116
 Citizenship: Japan

Inventor: Takuya Tanaka
 Address: 2090, Higashiakatuka, Mito-shi
 Ibaraki, Japan 311-4142
 Citizenship: Japan

Inventor: Toshikazu Hashimoto
 Address: 3-1-5, Tsukimino, Yamato-shi
 Kanagawa, Japan 242-0002
 Citizenship: Japan

Enclosed are the following:

- A specification, claims, abstract, and cover page in total comprising one hundred forty-two (142) pages.
- Forty-one (41) sheets of drawings.
- A Certificate of Express Mailing by "Express Mail" certifying a filing date by use of Express Mail Label No. EV 396 738 147 US.
- No fees are enclosed.
- No Declaration, Power of Attorney, and Petition is enclosed.
- Priority to Japanese Application Serial No. 2002-335257 filed on November 19, 2002 is claimed under 35 U.S.C. § 119.
- A certified copy of foreign priority Application Serial No. _____.
- An Associate Power of Attorney.

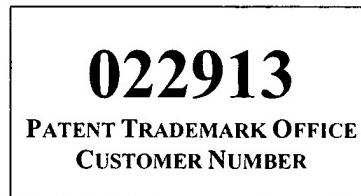
Please address all future correspondence in connection with the above-identified patent application to the attention of the undersigned.

Dated this 17th day of November 2003.

Respectfully submitted,



DANA L. TANGREN
Attorney for Applicant
Registration No. 37,246



PATENT APPLICATION
Docket No. 14321.59

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

"Express Mail" Mailing Label No.: EV 396 738 147 US

Date of Deposit: November 17, 2003

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

I hereby certify that the following documents are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated below in an envelope addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

- Patent Application in the name(s) of Shin Kamei, Yasuyuki Inoue, Takuya Tanaka, and Toshikazu Hashimoto for OPTICAL WAVEGUIDE CIRCUIT (142 pages)
- Drawings (41 sheets)
- Transmittal Letter (2 pages)
- Postcard

Dated this 17th day of November 2003.

Respectfully submitted,


DANA L. TANGREN
Attorney for Applicant
Registration No. 37,246

WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
Telephone: (801) 533-9800

DLT:dfw

W:\14321\59\DFW000008628V001.doc